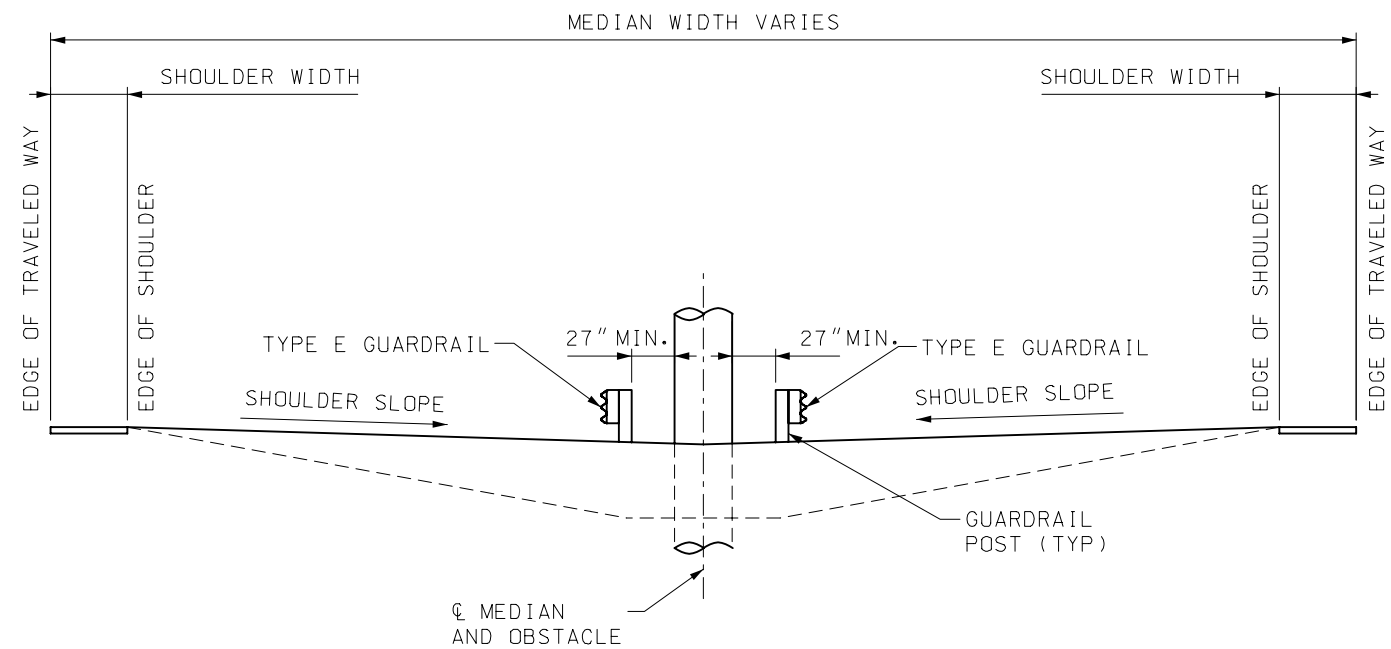


PIER AT  $\oslash$  OF MEDIAN  
PLAN VIEW



SECTION A-A

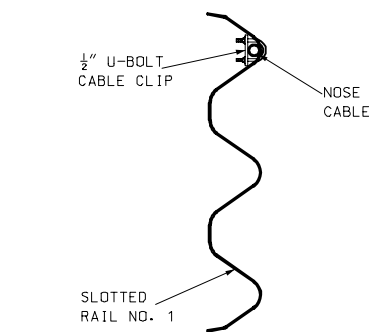
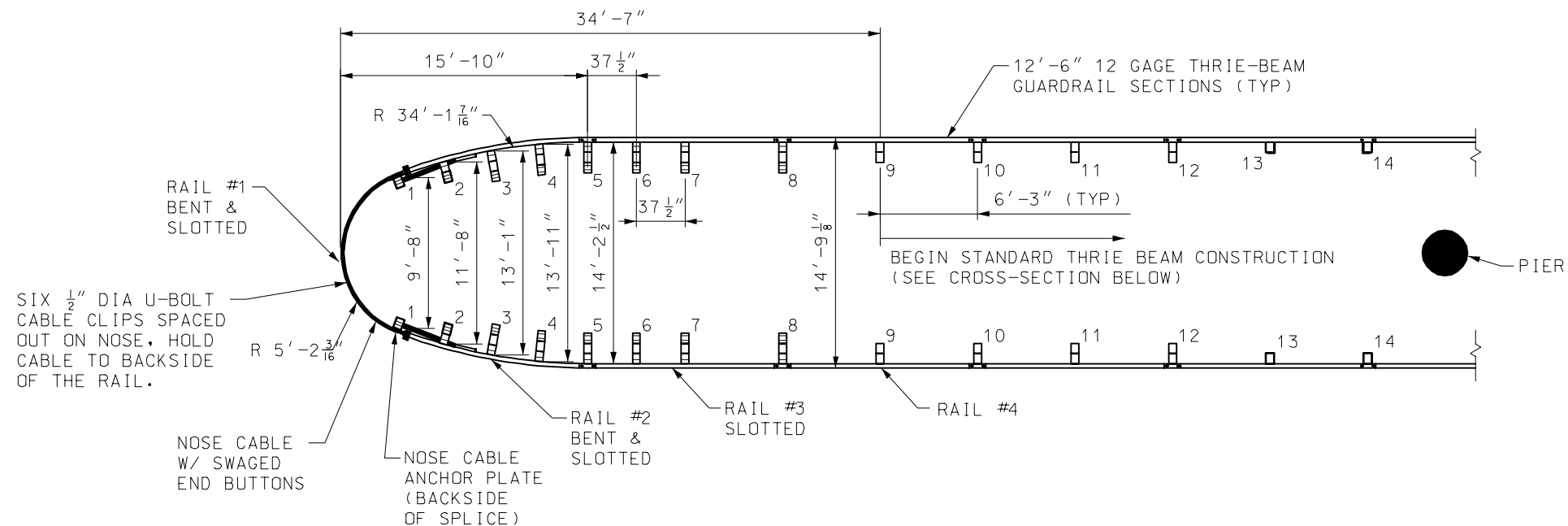
GENERAL NOTES:

WOOD POSTS AND WOOD BLOCKS MAY BE USED ON TYPE E GUARDRAIL.

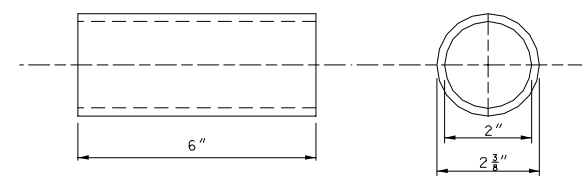
THE BULLNOSE GUARDRAIL PAY ITEM INCLUDES THE STRUCTURE BETWEEN POST 10 AND THE NOSE. THE REMAINING GUARDRAIL WILL BE PAID FOR AS STANDARD GUARDRAIL ITEMS.

SUITABLE DRAINAGE MUST BE PROVIDED WHEN MEDIAN GRADING IMPEDES NORMAL FLOW.

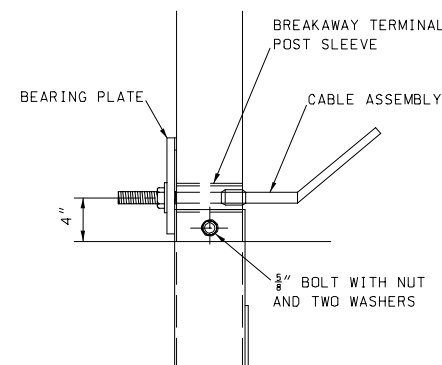
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		<b>BULLNOSE GUARDRAIL SYSTEM</b> <b>PROTECTION OF PIERS IN MEDIANS</b>	
DATE: _____	EFFECTIVE: 10-01-2003	606.01E	1/7



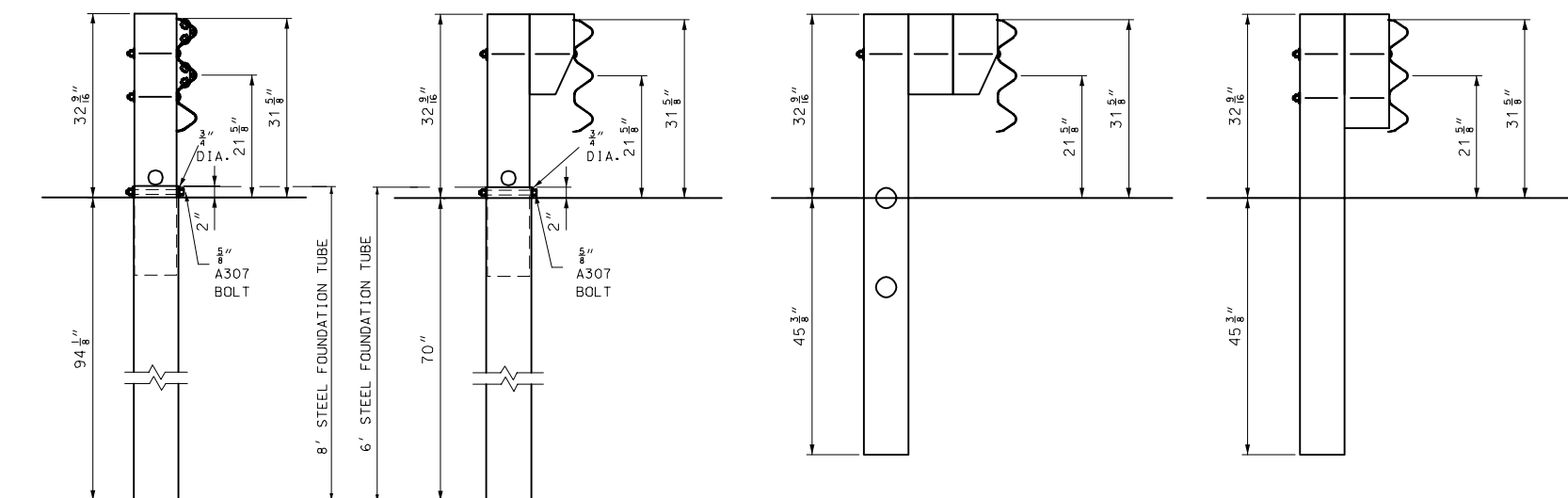
**U-BOLT CABLE CLIP DETAIL**



**BREAKAWAY TERMINAL POST SLEEVE**



**POST 1 DETAIL**

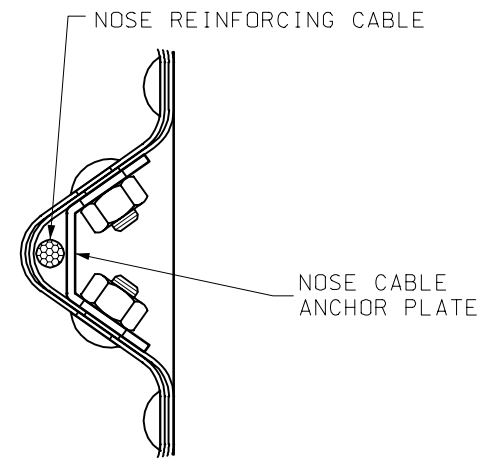


**POST DETAILS**

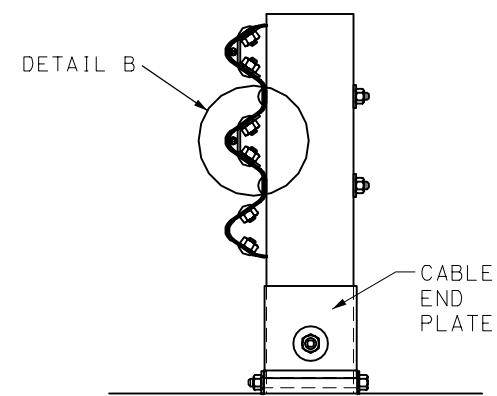
GENERAL NOTE:

RAILS NUMBERS 1, 2, 3 AND 4 ARE TYPE E GUARDRAIL.  
RAIL NUMBER 4 IS A STANDARD THRIE BEAM, NOT SLOTTED.

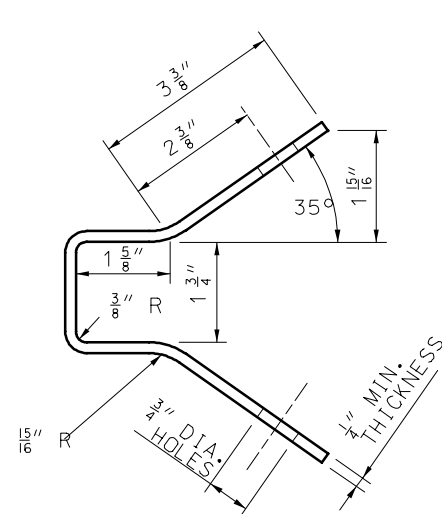
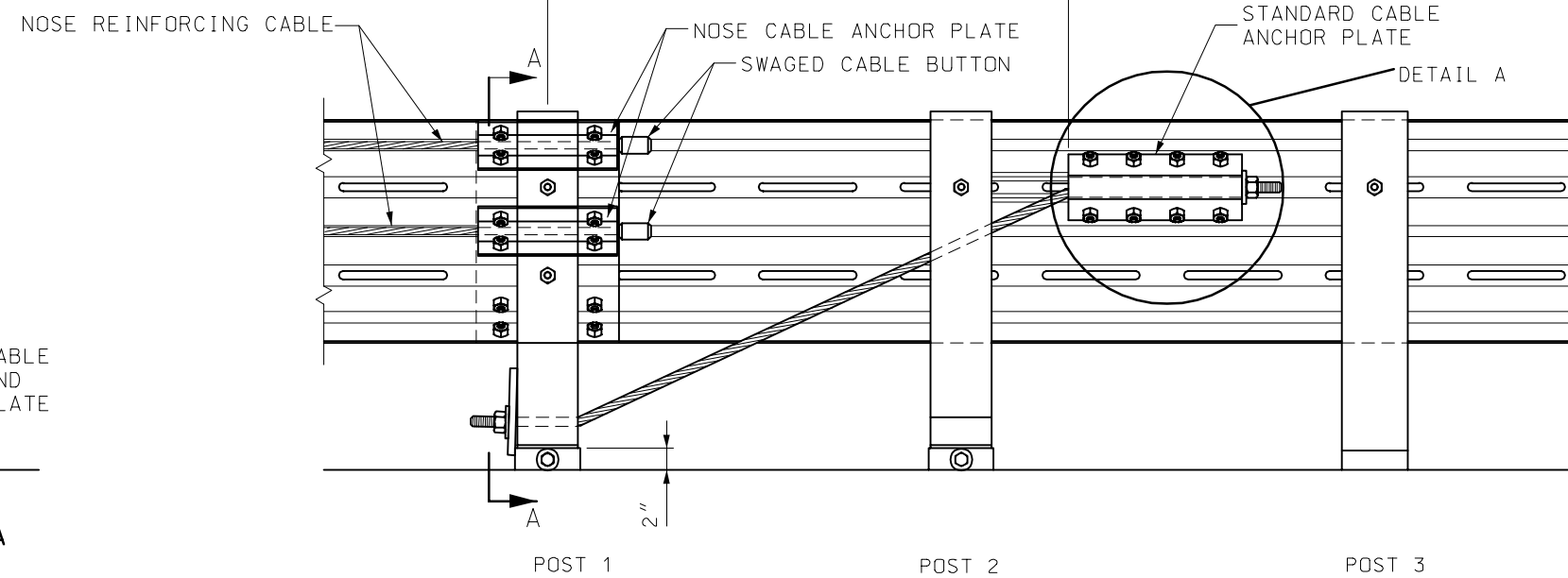
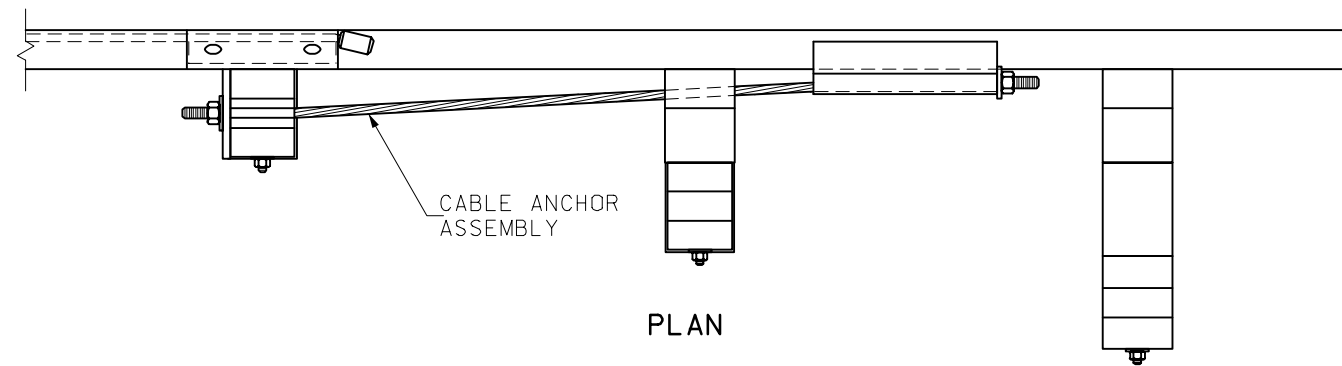
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		<b>BULLNOSE GUARDRAIL SYSTEM</b> PROTECTION OF PIERS IN MEDIAN	
DATE: _____	EFFECTIVE: 10-01-2003	606.01E	2/7



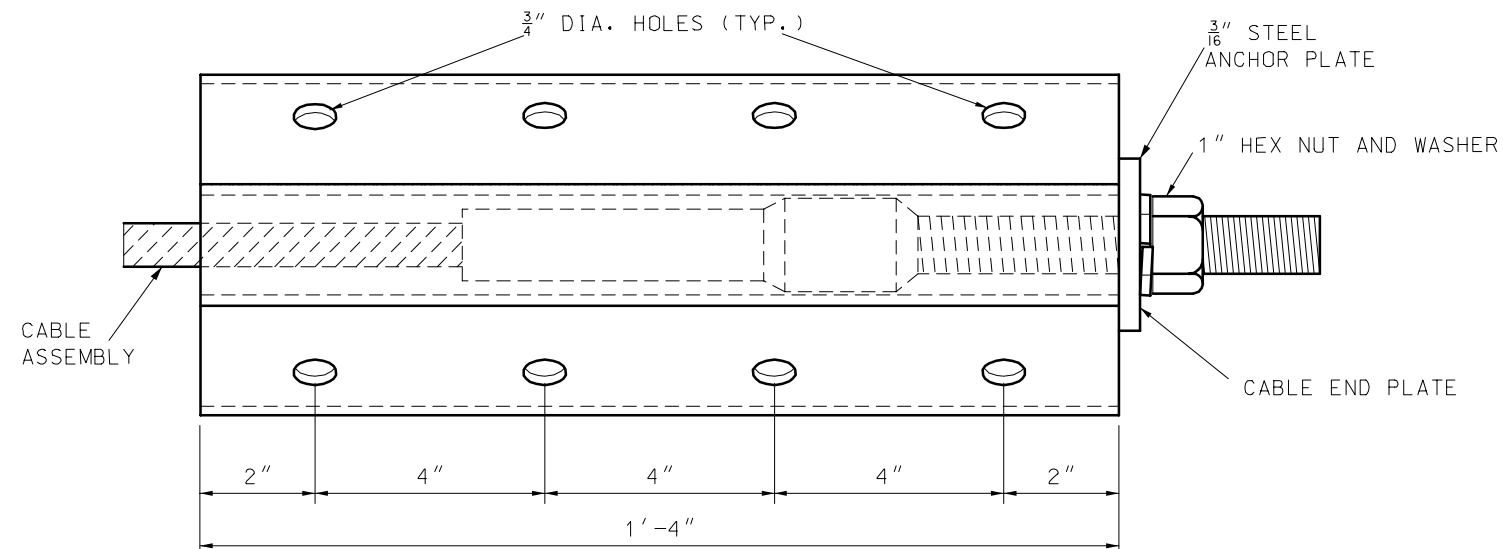
DETAIL B



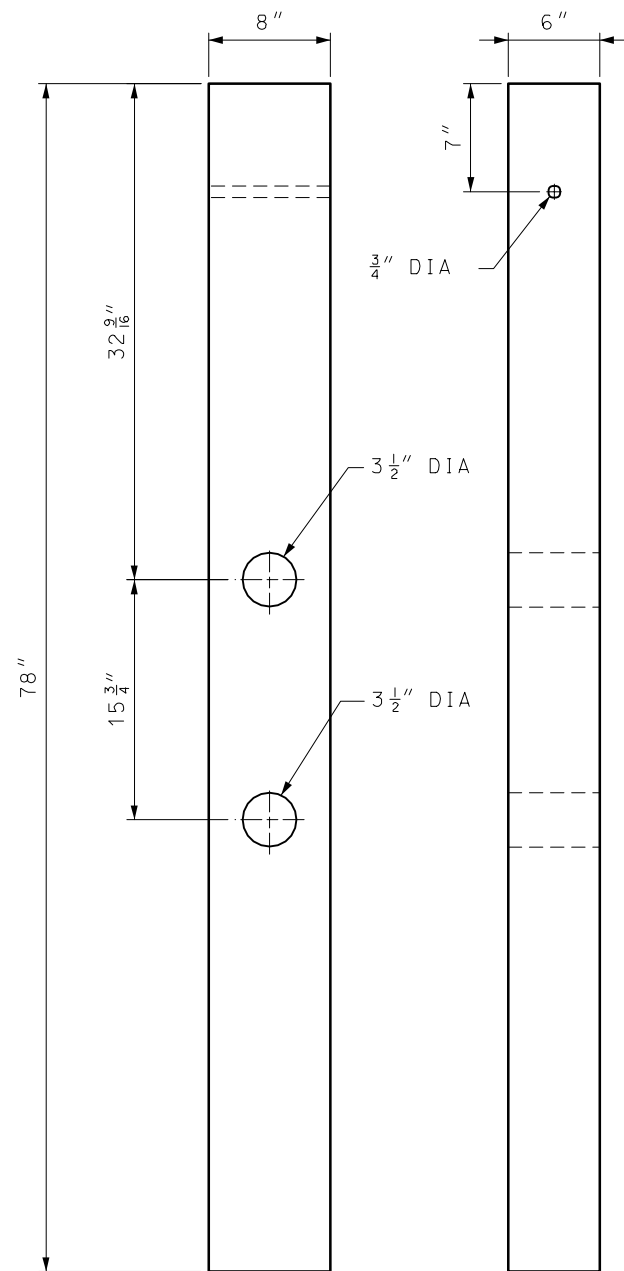
SECTION A-A



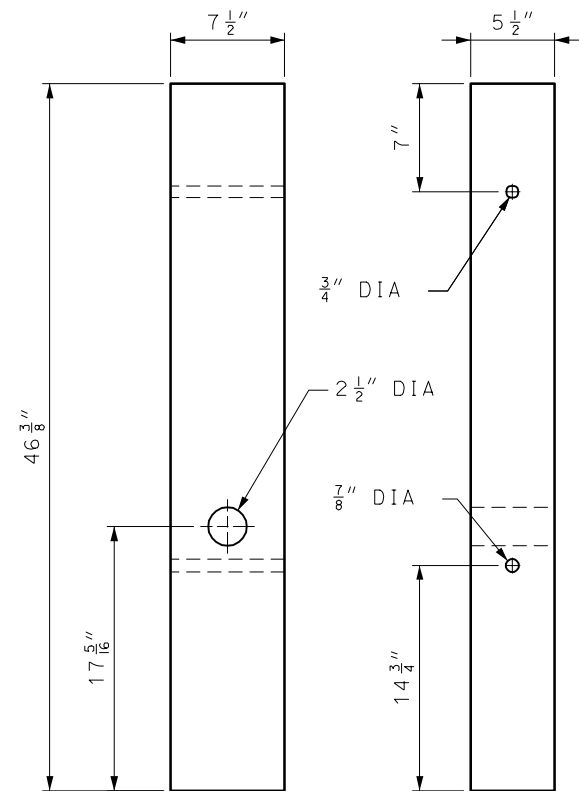
END VIEW



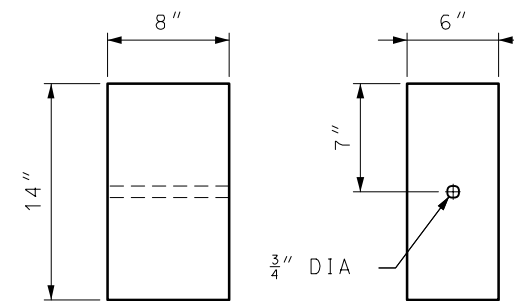
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
<b>BULLNOSE GUARDRAIL SYSTEM</b> <b>CABLE ANCHOR</b>			
DATE: _____	EFFECTIVE: 10-01-2003	606.01E	3/7



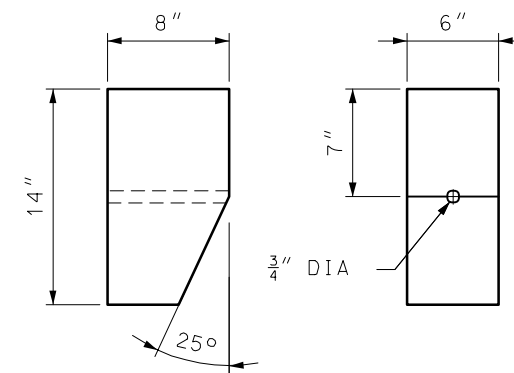
THRIE BEAM CRT POSTS



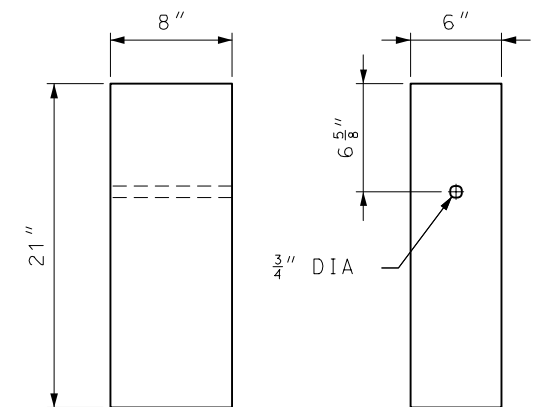
THRIE BEAM ANCHOR POSTS



POSTS 2 THROUGH 8  
STANDARD BLOCKS

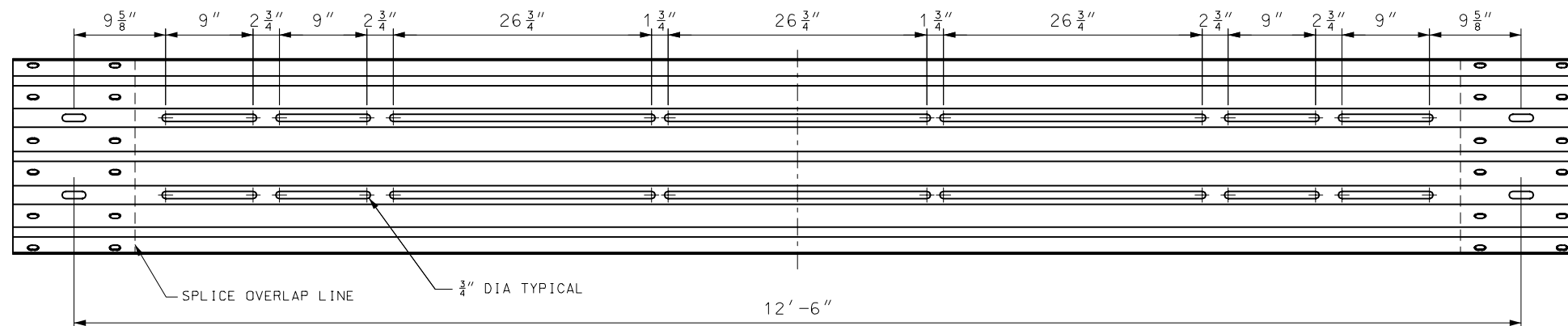


TAPERED BLOCK

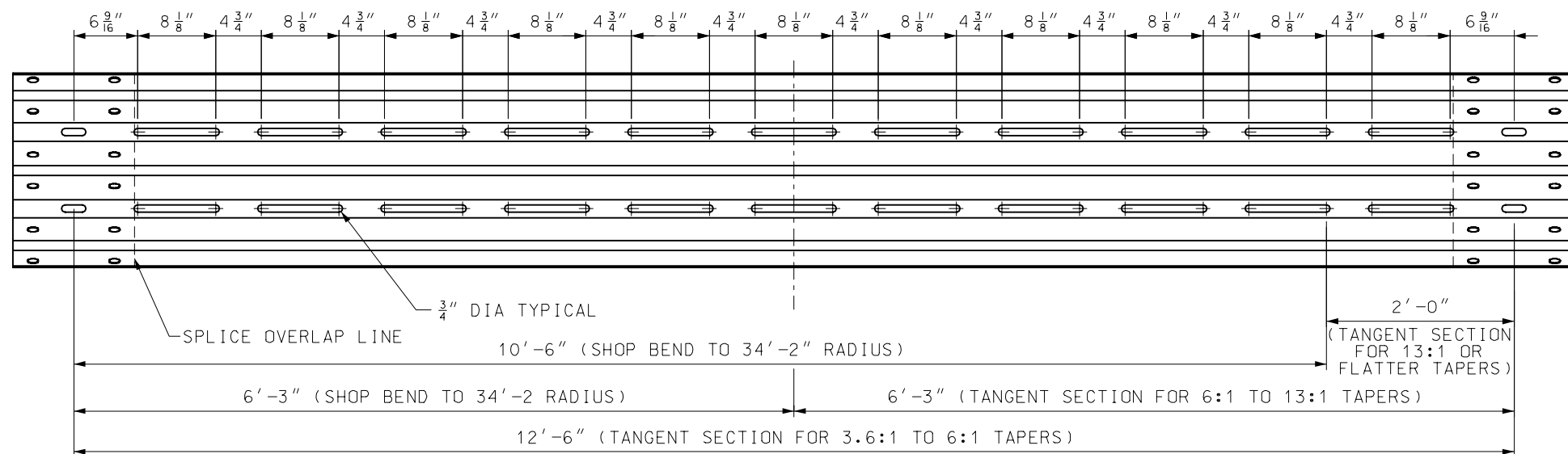


BLOCKS FOR POSTS 9 AND 10  
STANDARD BLOCKS

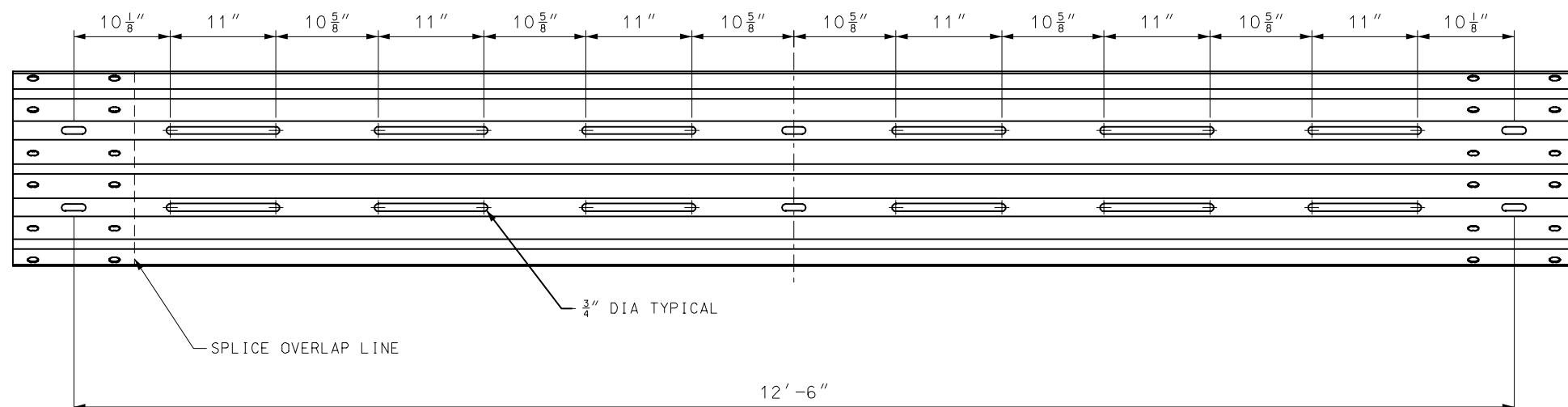
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
<b>BULLNOSE GUARDRAIL SYSTEM</b> POST AND BLOCKS			
DATE: _____	EFFECTIVE: 10-01-2003	606.01E	4/7



RAIL SECTION 1 (NOSE SECTION)



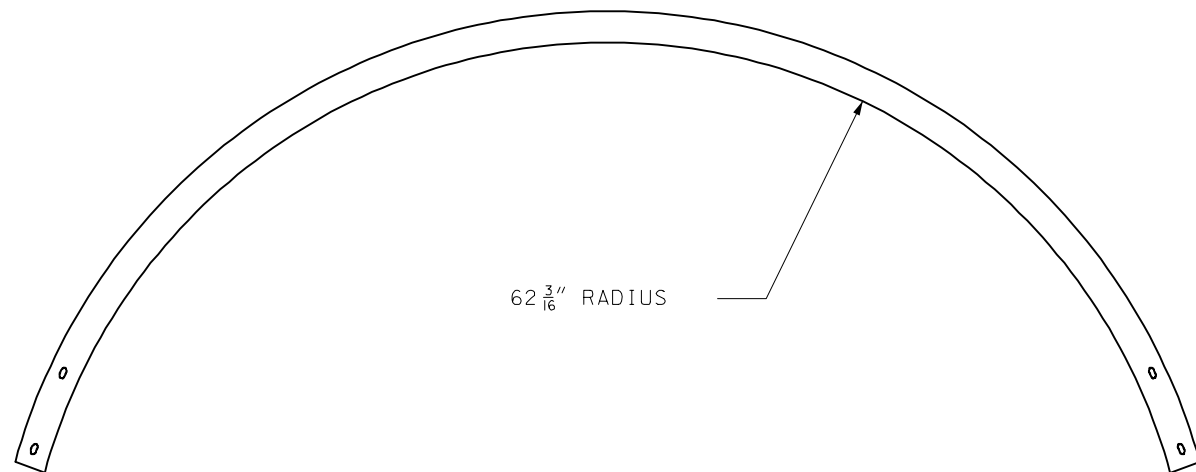
RAIL SECTION 2



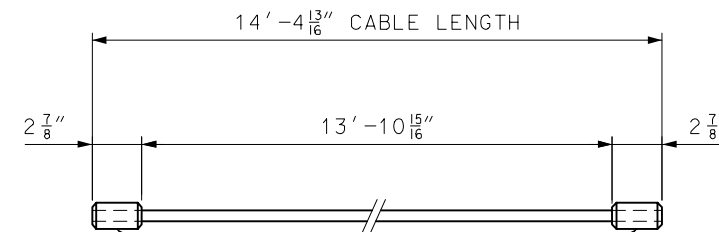
RAIL SECTION 3

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
BULLNOSE GUARDRAIL SYSTEM RAIL SECTION 1, 2 AND 3			
DATE: _____	EFFECTIVE: 10-01-2003	606.01E	5/7

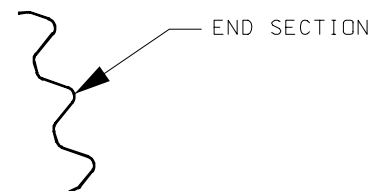




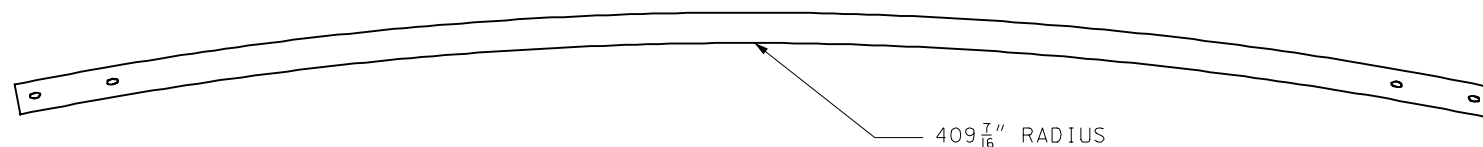
TOP VIEW, RAIL #1



"COLD TUFF" BUTTON, S-409 SIZE NO. 12 SB 2 <sup>7</sup>/<sub>8</sub>"  
STOCK NO. 1040395 FOR <sup>5</sup>/<sub>8</sub>" DIA (6 × 25) WIRE ROPE  
(OR ANY SIMILARLY SIZED SWAGE-GRIP BUTTON FERRULES)



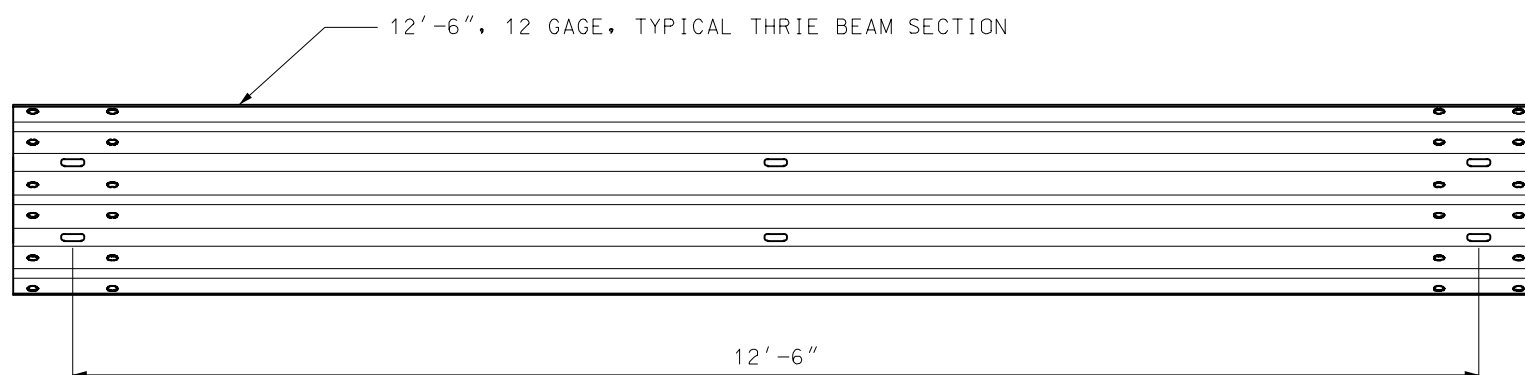
END SECTION



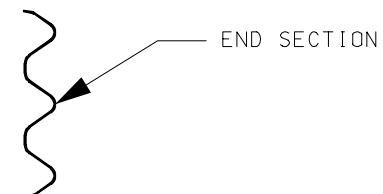
TOP VIEW, RAIL #2



END SECTION



FRONT VIEW (UNBENT)



END SECTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		<b>BULLNOSE GUARDRAIL SYSTEM</b> THRIE BEAM AND CABLE LENGTH	
DATE: _____	EFFECTIVE: 10-01-2003	606.01E	<div>7</div> <div>7</div>